



Pentagon Chemicals

(Trader Exporters importers in Heavy Chemicals, Acids, Dyes, Solvents, Minerals)

No.7, Thiruverkadu Main Road, Near Ambattur Industrial Estate, Ayapakkam,
Chennai-600 077 Tamilnadu State-South India

Ph No.91-044-26820071 Cell No.9444007960 / 9600065212

E-mails: sales@pentagonchemical.com & contact@pentagonchemical.com

www.pentagonchemical.com

SPECIFICATION: OF ISOPROPYL ALCOHOL (IPA)

No.	Name of the Data	Standard
1	Appearance	Colorless, transparent liquid without mechanical impurities
2	Density at 20 ⁰ C, g/cm ³	0,785-0,786
3	Mass share of isopropyl alcohol, %, min.	99,7
4	Color by Platinum-Cobalt scale, max.	5
5	Mass share of acids on conversion to acetic acid, %, max.	0,0007
6	Mass share of sulfuric compounds on conversion to sulfur, % max.	0,00005
7	Bromine number (1 g of bromine to 100 g of alcohol), max.	0,006
8	Mass share of water, %, max.	0,15
9	Mass share of carbonyl compounds on conversion to CO group, %, max.	Not determined
10	Mass share of diisopropyl ester, % max.	0,03
11	Mass share of acetone, % max.	0,03
12	Miscibility with water	Stood the test
13	Mass share of non-volatile residue, %, max.	0,0005
14	Water-insoluble substances, (polymers)	Not determined